

EXHIBIT C

EJCDC E-510 Agreement Between OWNER and ENGINEER for Professional Services
Funding Agency Edition (2002 Version), dated: _____.

FEES FOR PROFESSIONAL ENGINEERING SERVICES AS A PERCENTAGE OF CONSTRUCTION COST

This Attachment amends and supplements Exhibit C to EJCDC E-510, Agreement between Owner and Engineer, for Professional Services – Funding Agency Edition. The fees for services described in Agreement, Exhibit A, Part 1- Basic Services, are provided for in the tables below. The fees below exclude the Study and Report phase (Preliminary Engineering Report & Environmental Report). The services are outlined under paragraphs A.1.02. through A.1.06. The term “OWNER”, as used herein, shall refer to the entity applying for a Rural Utilities Service (RUS) loan and/or grant. All references to “Rural Development” in this instrument shall be deemed to the Rural Utilities Service, an agency within the United States Department of Agriculture.

Table I should be used for booster stations, water distribution lines under 16” in diameter and appurtenances, sanitary sewer lines 24” and under in diameter and appurtenances, lift stations, renovation and rehabilitation (other than water and wastewater treatment plants).

Table II should be used for water distribution lines 16” and larger and appurtenances, sanitary sewer lines greater than 24” in diameter and appurtenances, water storage facilities, storm sewer and drains, roads and streets, industrial buildings, warehouses, maintenance facilities, etc., grading except when incidental to the project.

Table III should be used for water and sewer treatment facilities (new and rehabilitations).

Construction Cost	Table I % Fee	Table II % Fee	Table III % Fee
Below \$50,000	Negotiated	Negotiated	Negotiated
\$50,000	10.9	8.9	12.1
\$100,000	10.6	8.6	11.6
\$200,000	10.1	8.2	11.1
\$300,000	9.6	7.8	10.6
\$400,000	9.1	7.4	10.1
\$500,000	8.5	7.1	9.5
\$600,000	8.2	6.9	9.2
\$700,000	8.0	6.8	9.0
\$800,000	7.8	6.6	8.8
\$900,000	7.6	6.5	8.6
\$1,000,000	7.5	6.4	8.5
\$2,000,000	6.9	5.8	7.9
\$3,000,000	6.7	5.6	7.7
\$5,000,000	6.3	5.2	7.3
\$10,000,000	5.3	4.2	6.3

The engineering services fee for project costs falling between the figures on the above Tables shall be interpolated to the nearest one-tenth of one percent. For projects consisting of multiple construction contracts, each contract may have different percent construction cost engineering fees. An estimate of these fees shall appear in Page 3 of 4 of Attachment I (Texas) Exhibit C.

EXHIBIT C

EJCDC E-510 Agreement Between OWNER and ENGINEER for Professional Services
Funding Agency Edition (2002 Version), dated: _____.

**SCHEDULE OF MAXIMUM ALLOWABLE HOURLY RATES
for Additional Services and Resident Project Representative**

NOTE: Lower hourly rates may be used as negotiated between the engineer and the owner.

Additional Services Requiring Owner's Advance Written Authorization and Agency's Concurrence (Exhibit A – Engineer's Services, Part 2 – Additional Services, paragraph A.2.01 and Exhibit C, Sheets C-9 and C-10, paragraph C.2.04, Compensation for Resident Project Representative Services).

Standard Hourly Rates

1. Standard Hourly Rates are set forth below and include salaries and wages paid to personnel plus the cost of customary and statutory benefits, general and administrative overhead, non-project operating costs, and operating margin or profit.
2. The Standard Hourly Rates apply for Additional Services and Resident Project Representative.

Note: Any reference to the "billing class" is replaced with this schedule.

<u>PERSONNEL</u>	<u>RATE PER HOUR</u>
<u>Engineering</u>	
Principal	\$ _____ 130.00
Project Engineer	\$ _____ 105.00
Design Engineer	\$ _____ 95.00
Project Manager	\$ _____ 95.00
E.I.T. (Engineer in Training)	\$ _____ 75.00
Sr. Engineering Technician	\$ _____ 70.00
Engineering/Environmental Technician	\$ _____ 60.00
Environmental Scientist/Coordinator (**)	\$ _____ 70.00
CAD Technician	\$ _____ 55.00
Administrative Clerk	\$ _____ 50.00
Clerk	\$ _____ 40.00
Easement Acquisition Specialist (*)	\$ _____ 45.00
<u>Inspection</u>	
Resident Project Representative (*)	\$ _____ 50.00
<u>Surveying</u>	
Three-man Party	\$ _____ 115.00
Two-man Party	\$ _____ 90.00
GPS Party	\$ _____ 140.00
Registered Professional Land Surveyor (RPLS)	\$ _____ 95.00
Technician	\$ _____ 50.00

For Reimbursable Expenses Schedule use Appendix 1 to Exhibit C, EJCDC E-510, 1 page.

EXHIBIT C

**EJCDC E-510 Agreement Between OWNER and ENGINEER for Professional Services
Funding Agency Edition (2002 Version), dated: _____.**

COMPENSATION FOR ENGINEERING SERVICES

Payments for services described in Exhibit A of the Standard Form of Agreement Between Owner and Engineer for Professional Services, Funding Agency Edition, are dependent upon funds availability. RUS funds are not available to the Owner until the construction contracts are awarded. However, other funding sources may be available to the Owner prior to the availability of RUS funds. The term "OWNER", as used herein, shall refer to the entity applying for a Rural Utilities Service (RUS) loan and/or grant. The Rural Utilities Service, is an agency within the United States Department of Agriculture, Rural Development mission area, and is referred to in this Agreement as "AGENCY".

1. The OWNER shall compensate the ENGINEER as described in EJCDC E-510, Exhibit A, paragraph A.1.01 for a study and report phase, after the review and approval of both reports by the Owner and the Agency:
Preliminary Engineering Report \$ _____, and
Environmental Report \$ _____,
2. The OWNER shall compensate the ENGINEER for basic services as described in EJCDC E-510, Exhibit A, Part I – **Basic Services**, A.1.02 through A.1.06. They are estimated to be \$ _____.
3. The OWNER shall compensate the ENGINEER for **Additional Services** as described in EJCDC E-510, Exhibit A, Part II – Additional Services. The total compensation is estimated to be \$ _____. This amount shall not be exceeded without written approval of the Owner and the Agency.

For projects involving wastewater collection, a cost for detailed **topographic survey** for designing of gravity flow sewer collection lines may be allowed as an additional engineering service. The topographic survey for designing a water system within a congested city area may also be allowed.

List the services and the estimated dollar amounts:

4. **Resident Inspection** compensation, estimated to be \$ _____.

It is understood by the OWNER and the ENGINEER that AGENCY provided loan/grant funds will not be provided for payment of Project costs until after loan closing and executed construction contracts have been approved.

INVOICES FOR ENGINEERING SERVICES

Invoices for engineering services shall identify the service in accordance with the Standard Form of Agreement Between Owner and Engineer for Professional Services. Services shall be identified on each invoice as follows:

EXHIBIT C

**EJCDC E-510 Agreement Between OWNER and ENGINEER for Professional Services
Funding Agency Edition (2002 Version), dated: _____.**

- a. Study and Report Phase (Preliminary Engineering Report and Environmental Report).
The cost of the Environmental Report shall include the cost of preparing the report, all maps/ attachments and initial contacts/consultations with regulatory authorities. Special studies or surveys unique to the proposal, such as cultural resource surveys, shall be listed separately and included as Additional Engineering Services.
- b. Design and Contract Administration (basic services as described in Exhibit A of EJCDC E-510).
- c. Resident Inspection (use Exhibit D of EJCDC E-510).
- d. Additional Engineering Services (use Attachment I (Texas) Exhibit C). Prior to proceeding with the services a written authorization by the OWNER and written approval by the AGENCY are needed. AGENCY approval of additional engineering services for all projects will require the review of the following:
 - Written authorization from the OWNER.
 - A complete description of the additional services authorized by the OWNER.
 - Cost of the additional services authorized by the OWNER.
- e. Reimbursable Expenses (use Appendix 1 to Exhibit C of E-510)